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extends at an angle from the central body 126 with its opening facing away from the catheter 200 in the illustrated exemplary embodiments. An exemplary angle is a 45-degree angle as illustrated, for example, in FIGS. 1 and 3.

In at least one embodiment of the invention, the body 120 5 and the IV port 110 are color coded to coincide with IV catheters used currently. This allows for a quicker determination that the port 110 is for an IV as opposed to the second multipurpose port 130. The second port 130 during use preferably is a medication port that would be, for example, 10 color-coded white as not to be confused with the IV port 110.

FIG. 5 illustrates an exemplary embodiment that has a window 150 running the length of the central body 126 and along the branch 128 leading to the second port 130. The window preferably is a clear material to allow the medical 15 professional to easily determine whether fluid is flowing through the hub from the IV and/or the medication source. Further alternatives would be to have the window at selected spot or spots on the body 120 or along a portion of the length of the central body 126 and/or branch 128. Alternatively, the 20 entire body 120 may be constructed of a clear material, and if combined with the color coded embodiment described above the body 120 may be tinted the appropriate color.

FIG. 6 illustrates an exemplary embodiment of the invention where branch 128' is straight from the central body 126 25 to the second port 130. This exemplary embodiment is offered to illustrate that the outside shape of the branch 128' may be a variety of shapes without impacting the underlying inventive concept.

The method for inserting the invention into the patient 30 includes passing a needle such as a beveled venous puncture needle through the IV port 110, the body 120 and the catheter 200 such that it extends beyond the tip 204 of the catheter 200. Alternatively, the needle may be packaged already inserted into the device to simplify the use of the 35 device in the field (not illustrated). Inserting the needle into a blood vessel of the patient to secure the catheter 200 in the blood vessel. Once the catheter 200 is secured, removing the needle. The IV is then attached to the IV port 110 and second port 130 as desired/needed. The second port 130 also allows for the port to be flushed with saline after, for example, medication is provided through the port.

Although the present invention has been described in terms of particular exemplary embodiments, it is not limited 45 to those embodiments. Alternative embodiments, examples, and modifications which would still be encompassed by the invention may be made by those skilled in the art, particularly in light of the foregoing teachings. The exemplary and alternative embodiments described above may be combined 50 in a variety of ways with each other. Furthermore, the dimensions, shapes, sizes, and number of the various pieces illustrated in the Figures may be adjusted from that shown.

Furthermore, those skilled in the art will appreciate that various adaptations and modifications of the above-de-55 scribed exemplary embodiments can be configured without departing from the scope and spirit of the invention. Therefore, it is to be understood that, within the scope of the appended claims, the invention may be practiced other than as specifically described herein.

We claim:

- 1. A one stage saline lock and intravenous catheter system comprising:
  - a hub having
    - a body having a central passageway passing therethrough and a branch passageway passing there-

through in fluid communication with the central passageway, said body having

- a first port at one end of said body, said first port in fluid communication with the central passageway, said first port includes a diaphragm, and
- a second port in fluid communication with the branch passageway, said second port is spaced along said body from said first port, said second port includes a diaphragm;
- a catheter extending from an end of said body opposite said first port, said catheter including a passageway passing therethrough, the passageway in fluid communication with the central passageway of said body, the passageway running from said catheter to said body to said first port is axially aligned;
- said body and said catheter are integrally formed together as an unitary piece; and
- a needle passing through said first port and said hub and through said catheter.
- 2. The system according to claim 1, wherein said first port is configured to attach to an IV.
- 3. The system according to claim 2, wherein said second port is configured to attach to a syringe or a tube.
- 4. The system according to claim 3, wherein said body includes a central portion connected to said first port and a branch portion connected to said second port.
- 5. The system according to claim 3, wherein at least one of said first port and said second port includes a Luer-lock connector or other connection means.
- 6. The system according to claim 1, wherein the diaphragm is spaced from the end of said first port and/or said second port.
- 7. The system according to claim 6, wherein the body further includes a window running the length of at least one of the central passageway and the branch passageway.
- 8. The system according to claim 1, wherein each diaphragm is spaced from a respective end of said first port and said second port.
- 9. The system according to claim 1, wherein at least one medication or other fluid may be administered through the 40 of said first port and said second port are color coded for identification purposes.
  - 10. The system according to claim 1, wherein said needle is a beveled venous puncture needle.
  - 11. The system according to claim 1, wherein the body further includes a window running the length of at least one of the central passageway and the branch passageway.
  - 12. The system according to claim 1, wherein the length of said body with said catheter is no more than 3.5 inches long.
  - 13. An apparatus comprising:
  - a hub having

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- a body having
  - a central body having a central passageway passing therethrough, the central passageway is straight,
  - a branch body having a branch passageway passing therethrough in communication with the central
  - a first port at one end of said central body, said first port in communication with the central passagewav.
  - a second port in communication with the branch passageway, said second port is spaced along said central body from said first port, and
  - a window running the length of at least one of the central body and the branch; and
- a catheter extending from an end of said body opposite said first port, said catheter including a passageway